

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	336	"215"/\$.cccls. and ((cap or closure) with (seal\$3 or dis\$3 or liner) with vent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 14:55
S2	27	("2162455"   "2608841"   "2739724"   "3589545"   "3696958"   "3717276"   "3944104"   "3976216"   "4121728"   "4190170"   "4598835"   "4789074"   "4880127"   "5152419"   "5257708"   "5460763"   "5542585"   "5730306"   "5743420"   "5785196"   "5803286"   "5853096"   "5961010"   "5996859").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:19
S3	3	("6202870").URPN.	USPAT	OR	ON	2006/03/02 14:20
S4	33	("1610583"   "1645158"   "2085934"   "2109805"   "2705346"   "2906421"   "3589545"   "4121728"   "4269321"   "4378893"   "4407422"   "4418828"   "4448320"   "4458822"   "4493427"   "4506795"   "4747502"   "4785952"   "4818577"   "4984703"   "5098629"   "5240131"   "5265747"   "5289932"   "5356021"   "5462187"   "5650113").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:25
S5	17	("2449014"   "3110409"   "3270904"   "3360148"   "3373889"   "3607362"   "3690497"   "3966071"   "3967746"   "4694970"   "4880127"   "4993572").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:34
S6	19	("5062538").URPN.	USPAT	OR	ON	2006/03/02 14:37
S7	6	("2162455"   "2735565"   "3114467").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:47
S8	20	("3589545").URPN.	USPAT	OR	ON	2006/03/02 14:48
S9	20	("3589545").URPN.	USPAT	OR	ON	2006/03/02 14:50
S10	553	"220"/\$.cccls. and ((cap or closure) with (seal\$3 or dis\$3 or liner) with vent\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 14:56
S11	426	S10 not S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:07

## EAST Search History

S12	831	215/363,364.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:10
S13	228	215/347	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:10
S14	41	("1740881"   "1985437"   "3067015"   "3198163"   "3414151"   "3433380"   "3480402"   "3595419"   "3924772"   "4057159"   "4093094"   "4122964"   "4396655"   "4418834"   "4436213"   "4462502"   "4505399"   "4616761"   "4640428"   "4673096"   "4678082"   "4722451"   "4737463"   "4747497"   "4782968"   "4812317"   "4877143"   "4887730"   "5033633"   "5152412"   "5197618"   "5240131"   "5372268"   "5458896").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 15:16
S15	12	("5839592").URPN.	USPAT	OR	ON	2006/03/02 15:18
S16	12	("5839592").URPN.	USPAT	OR	ON	2006/03/02 15:29
S17	2	"6874647"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/02 15:46
S18	51	"4801031"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/03 09:56
S19	38	"5400913"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:06
S20	34	("4511053"   "4664278"   "4732289"   "4801031"   "4813561"   "4875594"   "4978016"   "4981230"   "5076453"   "5078290"   "5105960"   "5190178"   "5285912"   "5307945"   "5307946"   "5346082"   "5400913"   "5415306"   "5456376"   "5465876"   "5480045"   "5533633"   "5570798"   "5609262"   "5660288"   "5685443"   "5727705"   "5749484"   "5775527"   "6015054"   "6116442"   "6119883"   "6152316"   "6276543").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:07

## EAST Search History

S21	1	("6766916").URPN.	USPAT	OR	ON	2006/03/03 10:12
S22	22	("2362421"   "4478343"   "4546892"   "4550844"   "4657153"   "4801030"   "4801031"   "4807771"   "4813561"   "4848614"   "4981230"   "5007545"   "5050753"   "5058755"   "5080246"   "5129530"   "5400913"   "5570798"   "5775527"   "5779075"   "6109464").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:14
S23	39	("2600703"   "2623657"   "4084717"   "4275817"   "4387817"   "4392055"   "4444327"   "4456137"   "4553678"   "4669624"   "4799597"   "4936474"   "5135124"   "5213225"   "5219084"   "5320233"   "5411157"   "5443175"   "5454476"   "5533633"   "5588545"   "5590799"   "5611443"   "5638969"   "5667088"   "5676268"   "5743419"   "5769254"   "5788101"   "5794806"   "5819965"   "5836465"   "D327644"   "D329980"   "D364808"   "D381907"   "D392187").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:16
S24	15	("2054012"   "2162713"   "3001657"   "3484012"   "4458821"   "4506795"   "4530438"   "4753360"   "4923073"   "4936474"   "5137163").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:19
S25	15	("2054012"   "2162713"   "3001657"   "3484012"   "4458821"   "4506795"   "4530438"   "4753360"   "4923073"   "4936474"   "5137163").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:20
S26	9	("5660288").URPN.	USPAT	OR	ON	2006/03/03 10:23
S27	10	("4666053"   "4756438"   "5050753"   "5137163"   "5167335"   "5205426"   "5533633"   "5564582"   "5660288"   "5667088").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:24
S28	10	("4666053"   "4756438"   "5050753"   "5137163"   "5167335"   "5205426"   "5533633"   "5564582"   "5660288"   "5667088").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:25
S29	6	("5860542").URPN.	USPAT	OR	ON	2006/03/03 10:25

## EAST Search History

S30	20	("2600703"   "2623657"   "4084717"   "4275817"   "4387817"   "4392055"   "4444327"   "4456137"   "4553678"   "4669624"   "4799597"   "4936474"   "5135124"   "5213225"   "5219084"   "5320233"   "D327644"   "D329980").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:26
S31	37	("2423582"   "3199702"   "3415403"   "3904061"   "4180175"   "4345690"   "4345691"   "4418828"   "4423820"   "4497765"   "4534480"   "4592476"   "4609115"   "4630743"   "4635808"   "4638917"   "4813561"   "4818828"   "4978017"   "5190177"   "5205426"   "5307946"   "5314085"   "5346082"   "5480045"   "5829611"   "5860542"   "5915579"   "5950850"   "6044992"   "6056136"   "6085921"   "6109465"   "6112923").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:48
S32	77	("20010002661" "20020033374" "3 199702" "4326639" "4402415" "455 0844" "4598835" "4638917" "46571 53" "4739893" "4971212" "4971213 " "5040692" "5050753" "5056675"   "5090581" "5090788" "5197621" "5 263600" "5314085" "5356019" "540 0913" "5414306" "5533633" "57159 59" "5749201" "5749484" "5782369 " "5860542" "5913437" "5915579"   "5964139" "6109464" "6112923" "6 116443" "6484896" "6557714").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/03 10:48
S33	17	("2449014"   "3110409"   "3270904"   "3360148"   "3373889"   "3607362"   "3690497"   "3966071"   "3967746"   "4694970"   "4880127"   "4993572").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:02
S34	6	("3967746"   "4121729"   "4565295"   "4705183"   "4749094"   "4813561").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:03

## EAST Search History

S35	41	("1740881"   "1985437"   "3067015"   "3198163"   "3414151"   "3433380"   "3480402"   "3595419"   "3924772"   "4057159"   "4093094"   "4122964"   "4396655"   "4418834"   "4436213"   "4462502"   "4505399"   "4616761"   "4640428"   "4673096"   "4678082"   "4722451"   "4737463"   "4747497"   "4782968"   "4812317"   "4877143"   "4887730"   "5033633"   "5152412"   "5197618"   "5240131"   "5372268"   "5458896").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:03
S36	4	("2270729"   "2427819").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:05
S37	17	("3924772").URPN.	USPAT	OR	ON	2006/03/28 15:05
S38	30	("20030098286"   "2456607"   "2619246"   "3434615"   "3709395"   "3760969"   "3924772"   "4128184"   "4554125"   "4723678"   "4747500"   "4813561"   "4880127"   "5031787"   "5314084"   "5346082"   "5579936"   "5819968"   "5868264"   "5950638"   "5984124"   "6142325"   "6276543"   "6286699"   "6371318"   "6399170"   "6662958").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:05
S39	4	("1985703"   "3499568").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:07
S40	25	("3499568").URPN.	USPAT	OR	ON	2006/03/28 15:08
S41	2	("1985703").URPN.	USPAT	OR	ON	2006/03/28 15:12
S42	12	("3709395").URPN.	USPAT	OR	ON	2006/03/28 15:12
S43	25	("3434615").URPN.	USPAT	OR	ON	2006/03/28 15:14
S44	6	("3967746"   "4121729"   "4565295"   "4705183"   "4749094"   "4813561").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 17:32
S45	11	("4121729").URPN.	USPAT	OR	ON	2006/03/28 17:33
S46	15	("4880127").URPN.	USPAT	OR	ON	2006/03/28 17:35
S47	51	"4462502"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/29 10:10
S48	10	("2032931"   "2270729"   "2449014"   "3114467"   "4093094"   "4880127").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:02

## EAST Search History

S49	12	("4993572").URPN.	USPAT	OR	ON	2006/09/19 15:03
S50	19	("5062538").URPN.	USPAT	OR	ON	2006/09/19 15:04
S51	23	("1740881"   "2144287"   "3930589"   "4093094"   "4289248"   "4402418"   "4609115"   "4694969"   "4694970"   "4801029"   "4809858"   "4813561"   "4875594"   "4880127"   "4981230"   "5009324"   "5027964"   "5031787"   "5040692"   "5062538"   "5078290").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:07
S52	6	("3967746"   "4121729"   "4565295"   "4705183"   "4749094"   "4813561").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:10
S53	16	("4880127").URPN.	USPAT	OR	ON	2006/09/19 15:10
S54	47	("0660739"   "1186900"   "1670450"   "1762342"   "1837618"   "1916977"   "1966273"   "1979458"   "2016936"   "2018061"   "2055625"   "2068389"   "2131774"   "2131775"   "2188946"   "2388738"   "2646183"   "2721686"   "3122990"   "3489307"   "3501042"   "3612325"   "3709395"   "3924772"   "3968823"   "4176757").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:15
S55	24	("4747500").URPN.	USPAT	OR	ON	2006/09/19 15:17
S56	9	("2116421"   "3664535"   "4586519"   "4747500"   "5542561"   "5707823"   "5761506").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:18
S57	5	("5950638").URPN.	USPAT	OR	ON	2006/09/19 15:18
S58	22	("0637981"   "0730500"   "1152107"   "1396723"   "1832669"   "2116421"   "3172559"   "3428208"   "4106655"   "4109815"   "4308965"   "4585135"   "4697716"   "4747500").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:19
S59	25	("3499568").URPN.	USPAT	OR	ON	2006/09/19 15:21
S60	30	("20030098286"   "2456607"   "2619246"   "3434615"   "3709395"   "3760969"   "3924772"   "4128184"   "4554125"   "4723678"   "4747500"   "4813561"   "4880127"   "5031787"   "5314084"   "5346082"   "5579936"   "5819968"   "5868264"   "5950638"   "5984124"   "6142325"   "6276543"   "6286699"   "6371318"   "6399170"   "6662958").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 15:24

## EAST Search History

S61	4	("2270729"   "2427819").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 16:04
S62	17	("3924772").URPN.	USPAT	OR	ON	2006/09/19 16:05

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	(cap and orifice and seal and plug and ring).clm.	US-PGPUB	OR	ON	2006/09/19 16:22
S1	14	("5358872" "5391496" "5578491" "5595907" "5622865" "5695987" "5766936").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/07 11:00
S2	16	("3924772" "4128184" "4423821" "4462502" "4747500" "5092477").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/07 11:04
S3	30	("2619246" "3709395" "3924772" "4128184" "4747500" "4813561" "5346082" "5819968" "5950638" "6276543" "6371318" "6399170").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/07 11:07
S4	23	("2456607" "3924772" "4723678" "4880127" "5031787" "5314084" "5579936" "5984124" "6142325" "6662958").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/07 11:13
S5	12	("3434615" "3760969" "4554125" "5868264" "6286699").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/07 11:13
S6	4	("2270729"   "2427819").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:34
S7	17	("3924772").URPN.	USPAT	OR	ON	2005/09/07 11:35
S8	17	("3924772").URPN.	USPAT	OR	ON	2005/09/07 11:37
S9	9	("2116421"   "3664535"   "4586519"   "4747500"   "5542561"   "5707823"   "5761506").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:38
S10	4	("5950638").URPN.	USPAT	OR	ON	2005/09/07 11:39
S11	41	("1710661"   "2035832"   "2148077"   "2479854"   "3117691"   "3911936"   "4347943"   "4471880"   "4569438"   "4586519"   "4681127"   "4708259"   "4801039"   "4826014"   "5205431"   "5425469"   "5431177"   "5531349"   "5669400"   "5769234"   "5842486"   "5875918"   "5884636"   "5906212"   "5931169"   "5950638"   "6102209"   "6173719"   "6199559"   "6298863"   "6311701"   "6336460"   "D338086"   "D368987"   "D408590"   "D424751").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:40



## EAST Search History

S12	16	("2235101"   "2456607"   "2681742"   "3438528"   "3455478"   "3788510"   "4473163"   "4971219"   "4997097"   "5421470"   "5579936").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:43
S13	2	("5984124").URPN.	USPAT	OR	ON	2005/09/07 11:44
S14	8	("3888377"   "4251003"   "4429803"   "4534482"   "5085332"   "5088612"   "5143236"   "5165560").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:44
S15	25	("5314084").URPN.	USPAT	OR	ON	2005/09/07 11:44
S16	22	("3893582"   "3904059"   "4187149"   "4211333"   "4635807"   "4664279"   "4668458"   "4754889"   "4760935"   "4770309"   "4801033"   "4801040"   "4811855"   "4815783"   "4863030"   "5080245"   "5085332"   "5125921"   "5269429"   "5303835"   "5314084"   "5316163").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:46
S17	13	("4880127").URPN.	USPAT	OR	ON	2005/09/07 11:47
S18	6	("3967746"   "4121729"   "4565295"   "4705183"   "4749094"   "4813561").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/07 11:49
S19	52	"4462502"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:58
S20	39	("1335538"   "1661977"   "1862620"   "2109805"   "2439845"   "2659511"   "2665023"   "2726001"   "2738089"   "3227303"   "3243070"   "3301425"   "3480172"   "3833142"   "3913771"   "3966082"   "4037746"   "4106622"   "4121729"   "4291813"   "4303167"   "4462502"   "4699286"   "4923072"   "5085332"   "5088612").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 11:00
S21	19	("2068389"   "2130749"   "2409788"   "2409789"   "2550586"   "3067900"   "3331523"   "3462034"   "3536224"   "4151924").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/19 14:57